

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG  ELECTRIC LOGS  FILE  WATER SANDS  LOCATION INSPECTED OIL SUB. REPORT/abd.   
*Location abandoned well never drilled*

DATE FILED 3-10-82

LAND: FEE & PATENTED  STATE LEASE NO.  PUBLIC LEASE NO. U-47812 INDIAN

DRILLING APPROVED: 1-11-83

SPUDED IN: 2-14-83

COMPLETED:  PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 2-6-84 LA

FIELD: WILDCAT 3/86 Undesignated

UNIT:

COUNTY: SUMMIT

WELL NO. LOGAN FEDERAL # 3 API NO. 43-043-30222

LOCATION 2020 FT. FROM (N)  LINE. 2179 FT. FROM  (W) LINE. SE NW 1/4 - 1/4 SEC. 26

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>3N</u>	<u>7E</u>	<u>26</u>	<u>DAVIS OIL COMPANY</u>

Larry Rogger called  
for an update ... said  
he would advise.

Yours  
12-10-82

Talked to  
Michelle of 8/10/82  
Dave's Owl  
w/ send tape & explanation  
letter & ownership.

W.

DAVIS OIL COMPANY 410 - 17TH STREET, SUITE 1400  
DENVER, COLORADO 80202  
TELEPHONE: 303-623-1000



NEW ORLEANS  
HOUSTON  
TULSA

March 10, 1982

USGS  
1745 West & 1700 South - Rm.2000, Adm. Bldg.  
Salt Lake City, Utah 84104

RE: #3 Logan Federal  
SENW Sec. 26, T3N, R7E  
Summit County, Utah

Gentlemen:

Enclosed please find for your approval, an original and three copies of the Application for Permit to Drill, together with four copies of the Staking Plat covering the drilling of the captioned proposed test. Designation of Operator from Samuel Logan, Jr., will be forthcoming.

By carbon copy of this letter to the Utah State Oil & Gas Commission, we are furnishing them with a copy of our application and plat.

Your early attention to the approval of said application will be appreciated.

Very truly yours,

DAVIS OIL COMPANY

A handwritten signature in black ink that reads "Michelle". The signature is written in a cursive, flowing style.

Michelle Hiller  
Executive Secretary

/mh  
Enclosures

✓ cc: Utah State Oil & Gas Commission

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
 DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR  
 410 17th Street, Suite 1400, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 SENW Sec. 26, T3N, R7E  
 At proposed prod. zone  
 2179' FWL, 2020' FNL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 16 miles east of Coalville, Utah

5. LEASE DESIGNATION AND SERIAL NO.  
 U-47812

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 JUN 27 1982

7. UNIT AGREEMENT NAME  
 SALT LAKE CITY, UTAH

8. FARM OR LEASE NAME  
 Logan Federal

9. WELL NO.  
 #3

10. FIELD AND POOL, OR WILDCAT  
 Development

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
 Sec. 26, T3N, R7E

12. COUNTY OR PARISH  
 Summit

13. STATE  
 Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 660' FWL

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 our well is 1/2 mile west

19. PROPOSED DEPTH  
 14250'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7760' GR Est., 7780' KB Est.

22. APPROX. DATE WORK WILL START\*  
 Upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	68# K-55	STC (NEW)	0-4000'
17 1/2"	13 3/8"	72# N-80	STC (NEW)	4000-6000' 1700 sxs. est.
drift to 12 1/4"				
12 1/4"	9 5/8"	53.5# N-80	LTC (NEW)	0-2000'
12 1/4"	9 5/8"	47# N-80	LTC (NEW)	2000-8000'
12 1/4"	9 5/8"	53.5# N-80	LTC (NEW)	8000-9500'
12 1/4"	9 7/8"	62.8# SM95T	LTC (NEW)	9500-11,000' 850 sxs. est.
8 1/2"	7"	38# P110	LTC (NEW)	0-80'
8 1/2"	7"	32# P110	LTC (NEW)	80-9500'
8 1/2"	7"	38# P110	LTC (NEW)	9500-14,250' 700 sxs. est.

2 stages; over salt

(SEE TEN POINT PROGRAM)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Ed Lafaye TITLE Chief Geologist DATE 3/10/82  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] FOR E. W. GUYNN  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE DISTRICT OIL & GAS SUPERVISOR DATE SEP 20 1982

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State Oil & Gas

United States Department of the Interior  
Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator DAVIS OIL COMPANY  
Project Type OIL WELL  
Project Location Sec. 26 T3N R7E  
Well No. 3 Lease No. U-47812  
Date Project Submitted 6-22-82

FIELD INSPECTION Date JULY 15, 1982

Field Inspection Participants GEORGE DIWACHAK MMS  
ROB SNYDER BLM  
RON WEISS DAVIS  
DEAN GEARY, QUINTON BALL GEARY CONST.

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

AUG 2 1982  
Date Prepared

George Diwachak  
Environmental Scientist

I concur  
8/3/82  
Date

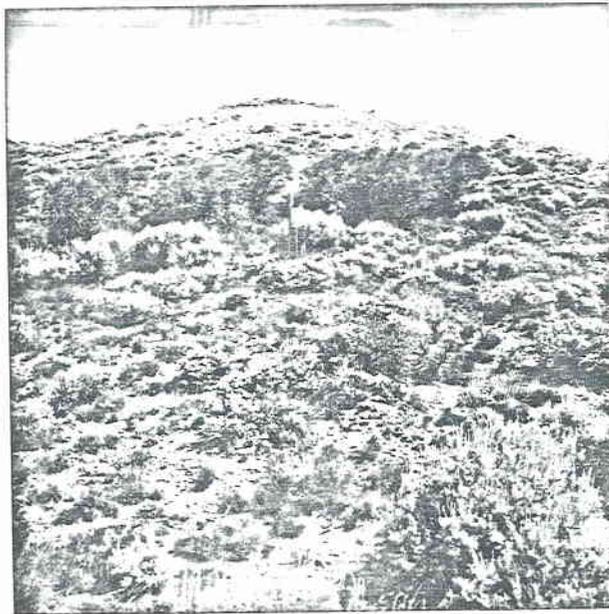
[Signature]  
District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety							6	6 (7-15-82)	4
2. Unique charac- teristics	1 (7-27-82) ↓						6	6	4,8
3. Environmentally controversial	1						6	6	4,8
4. Uncertain and unknown risks							6	6	8
5. Establishes precedents							6	6	
6. Cumulatively significant							6	6	
7. National Register historic places	1								
8. Endangered/ threatened species	1								
9. Violate Federal, State, local, tribal law							6	6	4

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS



DAVIS # 3

## RECOMMENDED STIPULATIONS

1. THE LOCATION WILL BE ROTATED  $180^{\circ}$  TO POSITION THE PITS IN CUT MATERIAL AND DOWNWIND OF THE RIG.
2. THE BLM REPRESENTATIVE, DAN WASHINGTON (801-524-5348) SHALL BE CONTACTED 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES.

\*\* FILE NOTATIONS \*\*

DATE: June 14, 1982  
OPERATOR: David Oil Company  
WELL NO: Logan Federal #3  
Location: Sec. <sup>SE NW</sup> 26 T. 3N R. 7E County: Summit

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-043-30222

CHECKED BY:

**RJF** Petroleum Engineer: \_\_\_\_\_

Director: \_\_\_\_\_

Administrative Aide: As Per Rule C-3(c) <sup>Map</sup> 1-11-83  
Need logs and letters

APPROVAL LETTER:

Bond Required:   
**Amended** Order No. 203-1 10-29-82

Survey Plat Required:

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation  F&D

Plotted on Map

Approval Letter Written

Hot Line

P.I.



United States Department of the Interior

MINERAL MANAGEMENT  
SERVICE  
OPERATIONS  
RECEIVED

IN REPLY REFER TO  
U-47812  
(U-202)

BUREAU OF LAND MANAGEMENT  
Salt Lake District Office  
2370 South 2300 West  
Salt Lake City, Utah 84119

JUL 28 1982

SALT LAKE CITY, UTAH

JUL 27 1982

Mr. George Divachak  
Mineral Management Services  
Oil & Gas Operations  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

Dear George:

Enclosed is a staff report for Davis Oil Company's Logan Federal #2  
and #3 well sites located in T. 3 N., R 7 E., Sec. 26, Summit County, Utah.

I concur with approval of the application for permit to drill and the surface  
development and operating plan as amended.

Sincerely yours,

*C. Wayne Richards*

Bear River Resource Area Manager

Enclosure

## STAFF REPORT

On Thursday, July 15, 1982, an on-site inspection was made of the proposed drilling locations for Davis Oil Company's Logan Federal #2 and #3 well sites, located in T. 3 N., R 7 E., Sec. 26, Summit County, Utah.

Those present for the on-site inspection were George Divachak, MMS; Ron Weiss, Davis Oil Company; Dean Geary and Quinten Geary, Geary Construction Company; and Rob Snyder, BLM.

The proposed well locations are situated about 18 miles east of Coalville, Utah and about 29 miles southwest of Evanston, Wyoming, in the upper part of the Chalk Creek drainage. Topography consists mainly of rolling and steep sloped hills and valleys and the western end of the Uinta Mountain Range. Pad elevations are 7,260 feet above mean sea level for Logan Federal #2 and 7,760 feet above mean sea level for Logan Federal #3.

A variety of wildlife frequent the area including mule deer, elk, moose, beaver, badger, coyote, fox, bobcat, grouse, ground squirrels, rabbits and raptors. Sheep and cattle graze the area during the summer and fall.

The biome is a mountain brush, wheatgrass and forb type with a shallow silty clay soil type. Annual precipitation averages 16-20" with most of the moisture coming in the winter months as snow.

There are no records which indicate any threatened or endangered plant or animal species in the area. The archaeological clearance conducted by Overland Archaeology, Inc., located no significant cultural values in the area.

Water for drilling and culinary purposes will come from a water well to be on each site. Access will be via existing state, county and private roads. Approximately 5/10 of a mile of new road will be constructed for Logan Federal #2 and approximately 8/10 of a mile of new road will be constructed for Logan Federal #3.

The BLM representative for surface disturbance reclamation is Dan Washington, Salt Lake District Office, (801-524-5348). He should be contacted prior to the beginning of dirt work.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR  
 410 17th Street, Suite 1400, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface: SENW Sec. 26, T3N, R7E  
 At proposed prod. zone: 2179' FWL, 2020' FNL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 16 miles east of Coalville, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' FWL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. our well is 1/2 mile west

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7760' GR Est., 7780' KB Est.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	68# K-55	STC (NEW)	0-4000'
17 1/2"	13 3/8"	72# N-80	STC (NEW)	4000-6000' 1700 sxs. est.
drift to 12 1/4"				
12 1/4"	9 5/8"	53.5# N-80	LTC (NEW)	0-2000'
12 1/4"	9 5/8"	47# N-80	LTC (NEW)	2000-8000'
12 1/4"	9 5/8"	53.5# N-80	LTC (NEW)	8000-9500'
12 1/4"	9 7/8"	62.8# SM95T	LTC (NEW)	9500-11,000' 850 sxs. est.
8 1/2"	7"	38# P110	LTC (NEW)	0-80'
8 1/2"	7"	32# P110	LTC (NEW)	80-9500'
8 1/2"	7"	38# P110	LTC (NEW)	9500-14,250' 700 sxs. est.

2 stages; over salt

(SEE TEN POINT PROGRAM)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 1-11-83  
 BY: *Armon Stout*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone, and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Ed Lafaye TITLE Chief Geologist DATE 3/10/82  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.  
U-47812

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Logan Federal

9. WELL NO.  
#3

10. FIELD AND POOL, OR WILDCAT  
Development WILDCAT

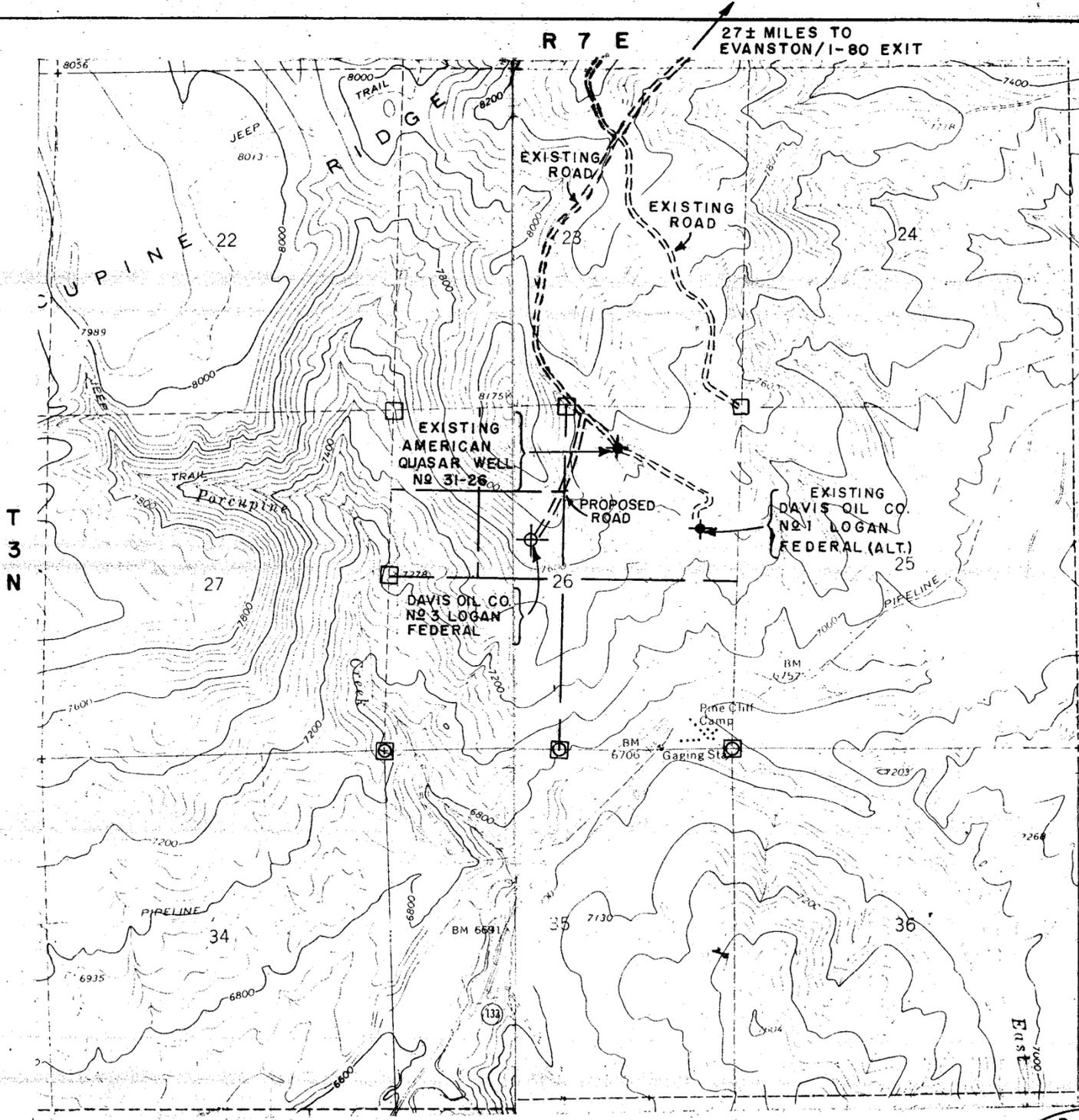
11. SEC. T. R., M., OR B.LK. AND SURVEY OR AREA  
Sec. 26, T3N, R7E

12. COUNTY OR PARISH  
Summit

13. STATE  
Utah

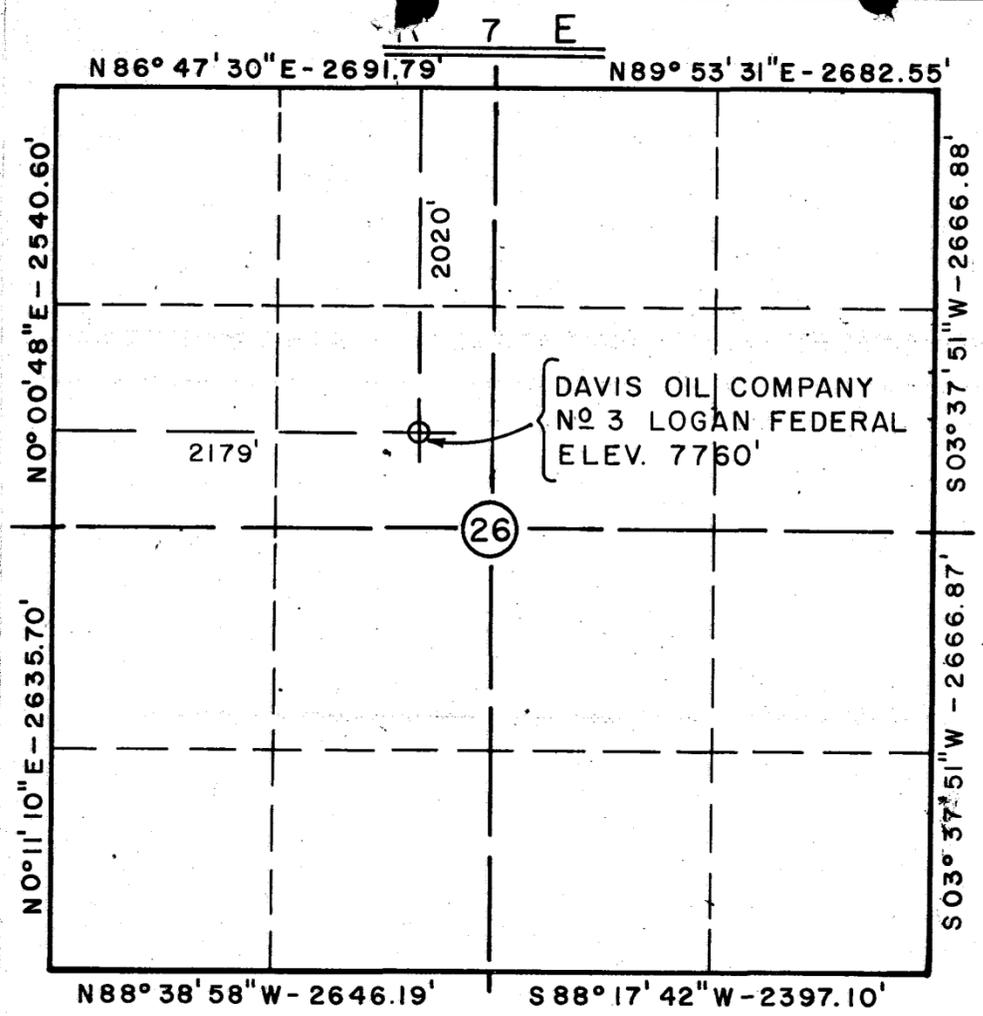
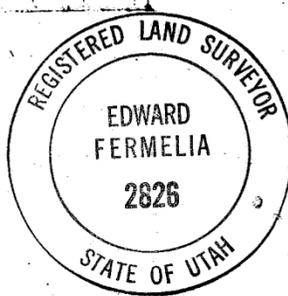
NUCKET

SE NW



NOTES:  
 ⊕ - PIPE CORNERS LOCATED, ⊙ - STONE CORNERS LOCATED  
 B.M. - U.S.G.S. Y161 (1962) ELEV. 6691'  
 U.S.G.S. QUAD - RED HOLE, UTAH - WYOMING

**VICINITY MAP**  
 SCALE: 1"=2000'



**LOCATION MAP**  
 SCALE: 1"=1000'

**REFERENCE POINTS**

LOCATION	ELEV.
N 200'	7799'
NE COR.	7839'
E 200'	7774'
SE COR.	7718'
S 200'	7710'
SW COR.	7669'
W 200'	7705'
NW COR.	---

**CERTIFICATE OF SURVEYOR**

STATE OF WYOMING }  
 COUNTY OF SWEETWATER } S.S.  
 I, EDWARD FERMEIA, OF ROCK SPRINGS, WYOMING  
 DO HEREBY CERTIFY THAT THIS MAP CORRECTLY  
 SHOWS THE WELL LOCATION MADE FOR DAVIS OIL  
 COMPANY ON JUNE 9, 1982.

*Edward Fermelia*  
 UTAH R. L. S. NO. 2826

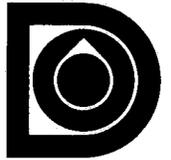
**MAP**  
 SHOWING WELL LOCATION  
 FOR

**DAVIS OIL COMPANY**  
 NO 3 LOGAN FEDERAL  
 SE 1/4 NW 1/4, SECTION 26  
 T 3 N, R 7 E

SUMMIT COUNTY, UTAH  
 JOHNSON-FERMEIA & CRANK, INC.  
 ROCK SPRINGS, WYO.

DAVIS OIL COMPANY

410 — 17TH STREET, SUITE 1400  
DENVER, COLORADO 80202-4472  
TELEPHONE: 303-623-1000



NEW ORLEANS  
HOUSTON  
TULSA

January 7, 1983

Department of Natural Resources  
Division of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

RECEIVED  
JAN 10 1983

Attn: Norm Stout

DIVISION OF  
OIL, GAS & MINING

Re: Request for Application of  
Unorthodox Surface Location  
#3 Logan Federal  
SENW Sec. 26, T3N, R7E  
2020' FNL, 2179' FWL  
Summit County, Utah

Gentlemen:

Please be advised that Davis Oil Company has filed a Notice of Intent to Drill for the subject test well at a surface location 2020' FNL, 2179' FWL Sec. 26-3N-7E, and to bottomhole the subject test well in compliance with Spacing Order Cause No. 203-1. Davis Oil Company is respectively requesting your approval of our unorthodox surface location based on topographic conditions in the area of the proposed test well.

Please note the parties to which this letter is being carbon copied to are those oil and gas lease owners within 660' of the subject test well.

Your prompt attention to this matter would be appreciate.

Very truly yours,

DAVIS OIL COMPANY

*Michelle*

Michelle Hiller  
Executive Secretary

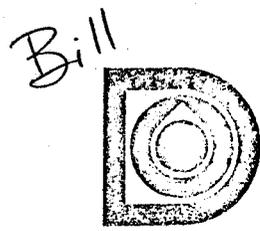
/mh

cc: American Quasar Petroleum Company  
Amoco Production Company  
The Anschutz Corporation  
Conquest Exploration  
Champlin Petroleum Company  
North Central Oil Corp.

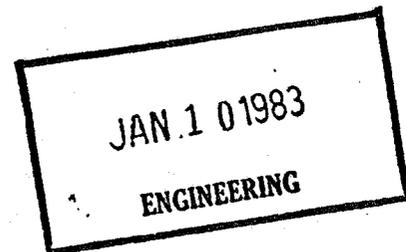
DAVIS OIL COMP

410 — 17TH STREET, SUITE 1400  
DENVER, COLORADO 80202-4472  
TELEPHONE: 303-623-1000

NEW ORLEANS  
HOUSTON  
TULSA



January 7, 1983



Department of Natural Resources  
Division of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Attn: Norm Stout

Re: Request for Application of  
Unorthodox Surface Location  
#3 Logan Federal  
SENW Sec. 26, T3N, R7E  
2020' FNL, 2179' FWL  
Summit County, Utah

Gentlemen:

Please be advised that Davis Oil Company has filed a Notice of Intent to Drill for the subject test well at a surface location 2020' FNL, 2179' FWL Sec. 26-3N-7E, and to bottomhole the subject test well in compliance with Spacing Order Cause No. 203-1. Davis Oil Company is respectively requesting your approval of our unorthodox surface location based on topographic conditions in the area of the proposed test well.

Please note the parties to which this letter is being carbon copied to are those oil and gas lease owners within 660' of the subject test well.

Your prompt attention to this matter would be appreciate.

Very truly yours,

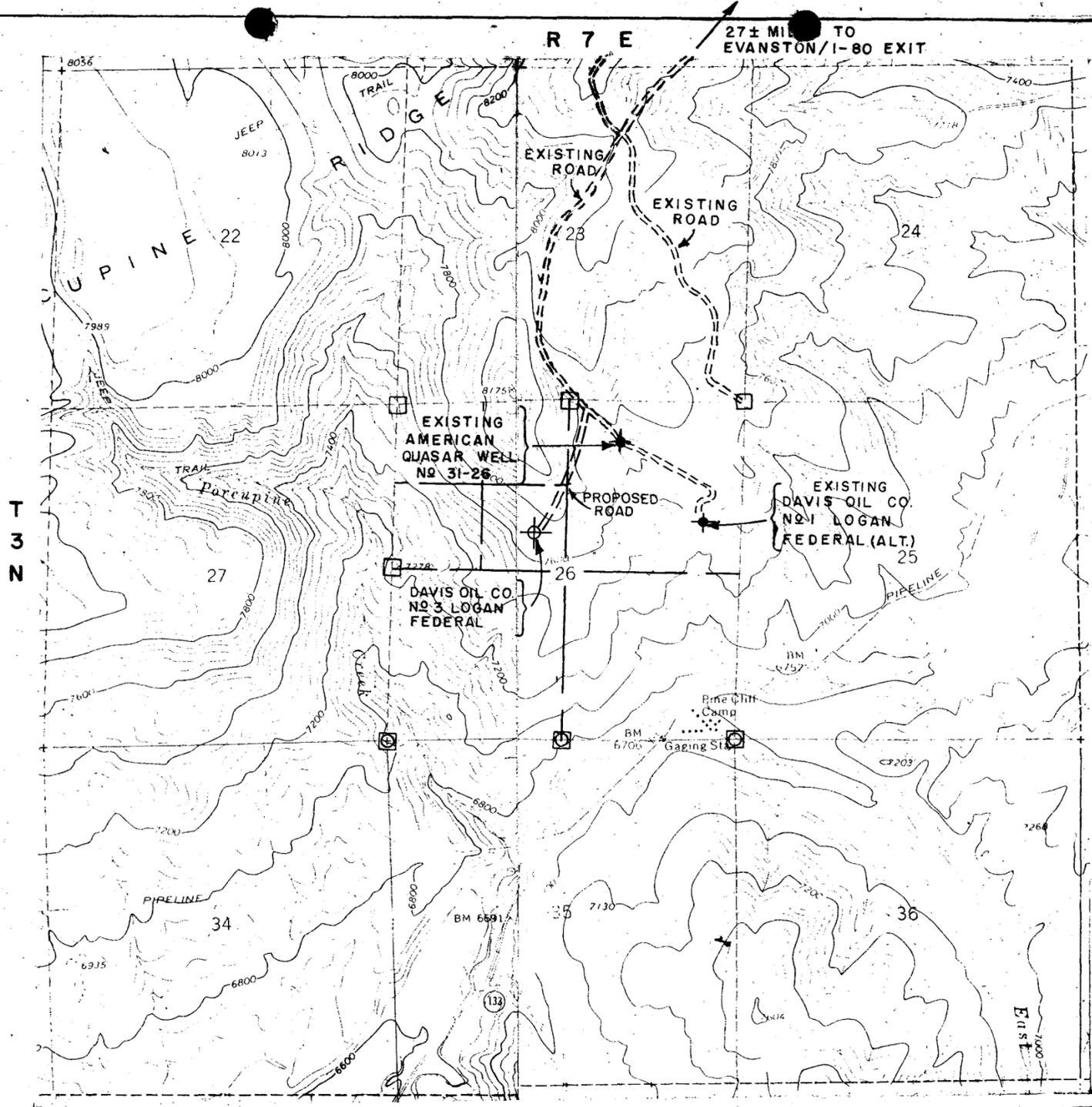
DAVIS OIL COMPANY

Michelle Hiller  
Executive Secretary

/mh

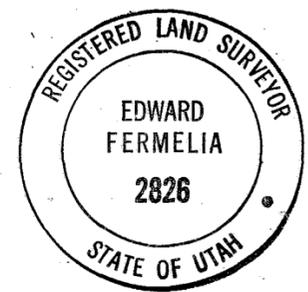
cc: American Quasar Petroleum Company  
Amoco Production Company  
The Anschutz Corporation  
✓ Conquest Exploration  
Champlin Petroleum Company  
North Central Oil Corp.

Don Rasmussen  
DAVIS GEOLOGIST  
BOTTOM HOLE  
LEGAL SR NOV



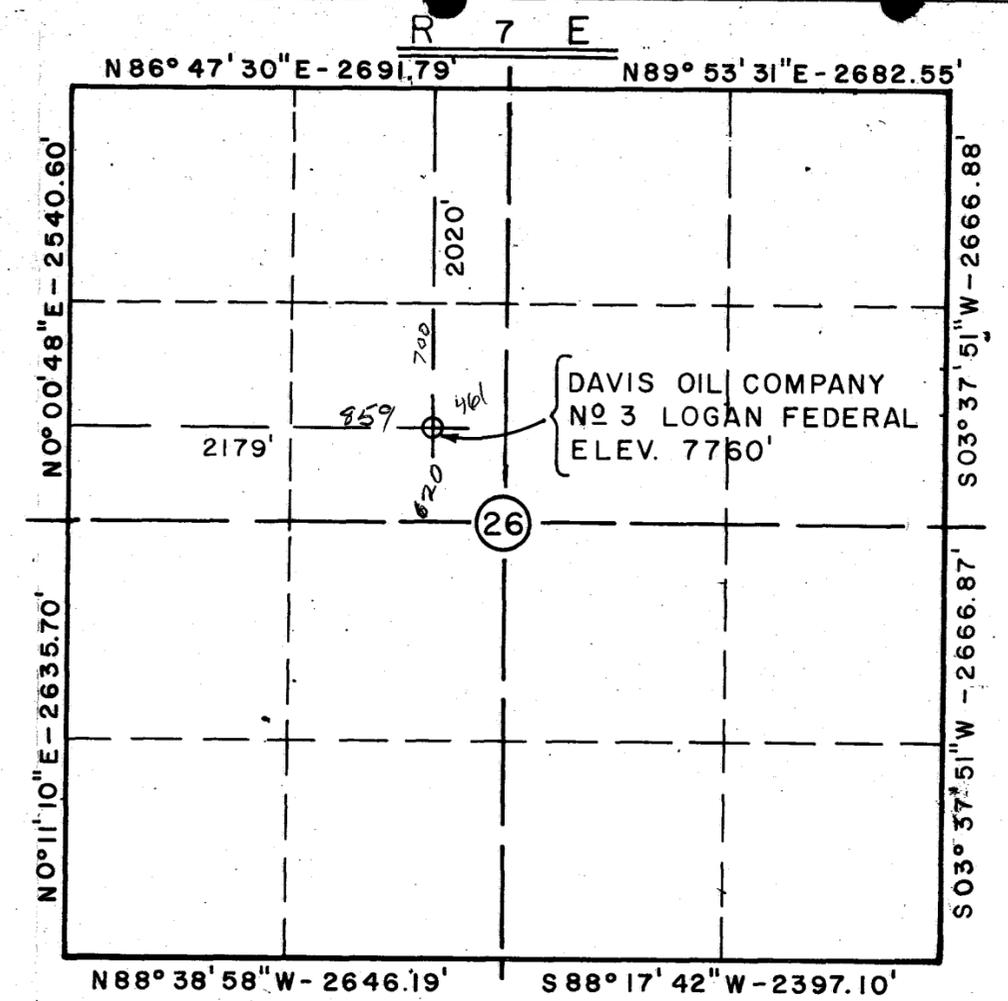
NOTES:  
 ⊕ - PIPE CORNERS LOCATED, ⊙ - STONE CORNERS LOCATED  
 B.M. - U.S.G.S. Y161 (1962) ELEV. 6691'  
 U.S.G.S. QUAD - RED HOLE, UTAH - WYOMING

**VICINITY MAP**  
 SCALE: 1"=2000'



**REFERENCE POINTS**

LOCATION	ELEV.
N 200'	7799'
NE COR.	7839'
E 200'	7774'
SE COR.	7718'
S 200'	7710'
SW COR.	7669'
W 200'	7705'
NW COR.	—



**LOCATION MAP**  
 SCALE: 1"=1000'

**CERTIFICATE OF SURVEYOR**

STATE OF WYOMING }  
 COUNTY OF SWEETWATER } S.S.  
 I, EDWARD FERRELIA, OF ROCK SPRINGS, WYOMING  
 DO HEREBY CERTIFY THAT THIS MAP CORRECTLY  
 SHOWS THE WELL LOCATION MADE FOR DAVIS OIL  
 COMPANY ON JUNE 9, 1982.

*Edward Ferrelia*  
 UTAH R. L. S. NO. 2826

**MAP**  
 SHOWING WELL LOCATION  
 FOR  
**DAVIS OIL COMPANY**  
 NO. 3 LOGAN FEDERAL  
 SE1/4 NW1/4, SECTION 26  
 T3 N, R7 E  
 SUMMIT COUNTY, UTAH  
 JOHNSON-FERRELIA & CRANK, INC.  
 ROCK SPRINGS, WYO.

TEN POINT PROGRAM

1) SURFACE FORMATION: Frontier

2 & 3) ESTIMATED TOPS: (Water, Oil, Gas or Mineral bearing formations)

Frontier	surface	shales, sandstones, conglomerates, and coals; no oil or gas
Aspen Shale	6295'	shales, siltstones, and minor sandstones; no oil or gas
Bear River	6565'	shales, siltstones, and minor sandstones; no oil or gas
Kelvin Fm.	6940'	sandstones; siltstone, and shales; no oil or gas
Stump FM	10460'	conglomerates, sandstones; siltstones, shales; and limestones; no oil or gas
Preuss FM.	10860'	siltstones, shales and sandstones; thin salt interval near base; no oil or gas
Twin Creek LS.	11885'	limestone with minor shales; no oil or gas
Gypsum Springs FM.	13190'	shale and anhydrite
Nugget SS	13270'	sandstone ; possible oil and gas
Total Depth	14250'	sandstone; possible oil and gas

4) CASING PROGRAM: 17 1/2", 13 3/8" 68# K-55 STC(NEW) 0-4000'  
(Drift to 12 1/4") 17 1/2", 13 3/8" 72# N-80 STC(NEW) 4000-6000' 1700 sxs. est.

CASING CONTINUED ON PG. 2

(Drift to 8 1/2")

12 1/4", 9 5/8" 53.5# N-80 LTC(NEW) 0-2000'  
12 1/4", 9 5/8" 47# N-80 LTC(NEW) 2000-8000'  
12 1/4", 9 5/8" 53.5# N-80 LTC(NEW) 8000-9500'  
12 1/4", 9 7/8" 62.8# SM95T LTC(NEW) 9500-11,000' 850 sxs. est.

5) PRESSURE CONTROL EQUIPMENT: (See attached schematic diagram) BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and then will be checked daily as to mechanical operating condition. Ram type preventors and related pressure control equipment will be pressure tested to rated working pressure of the stack assembly or to 70% of the minimum internal yield pressure of the casing. Annular type preventors will be tested to 50% of their rated working pressure. BOP's will be pressure tested at least once every 30 days.

6) MUD PROGRAM:

0-1000' spud mud 8.5 ppg  
1000-6000' LSND Maximum mud weight 8.9-9.3 ppg  
6000-11,000' brine mud 9-10 ppg  
11,000-14,250' 35-45 vis., 10 cc W.L., PH 10.

Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at wellsite.

7) AUXILLIARY EQUIPMENT:

- 1) Kelly Cock.
- 2) Drill Pipe Float (Except for lost circulation drilling conditions)
- 3) Monitoring of Mud System will be visual unless otherwise specified.
- 4) A sub on the floor with a full opening valve to be stabbed into drill pipe when Kelly is not in the string.

8) LOGGING:

DIL-SFL - from base of surface casing to total depth.

Gamma Ray over surface casing; Sonic -TD (integrated sonic) GR,FDC-CNL - from base of surface casing to total depth. Dipmeter - from base of first intermediate casing

CORING: to TD.

NONE

8) Continued -

**TESTING:**

DST only if necessary to evaluate potential pay zones above Nugget SS.

**STIMULATION:**

Nugget Formation - acidize with 15,000 gallons HCL.

Stump or Twin Creek Formation - acidize with 10,000 gallons HCL.

Actual volume of treatment will be dependent upon thickness of pay and evaluation of zone of interest.

9) **ABNORMAL PRESSURE:** This firm does not anticipate any abnormal pressure of temperatures or any other hazards. This is based on previous geological data from nearby wells.

**ESTIMATED BOTTOMHOLE PRESSURE:** 6100 PSI.

10) **ANTICIPATED STARTING DATE:** Within 30 - 45 days from Government approval.

**DURATION OF OPERATION:** 30-60 Days.

CASING PROGRAM CONTINUED

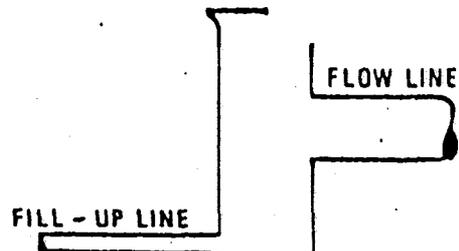
PRODUCTION

8 1/2", 7" 38# P110 LTC(NEW) 0-80'

8 1/2", 7" 32# P110 LTC(NEW) 80-9500'

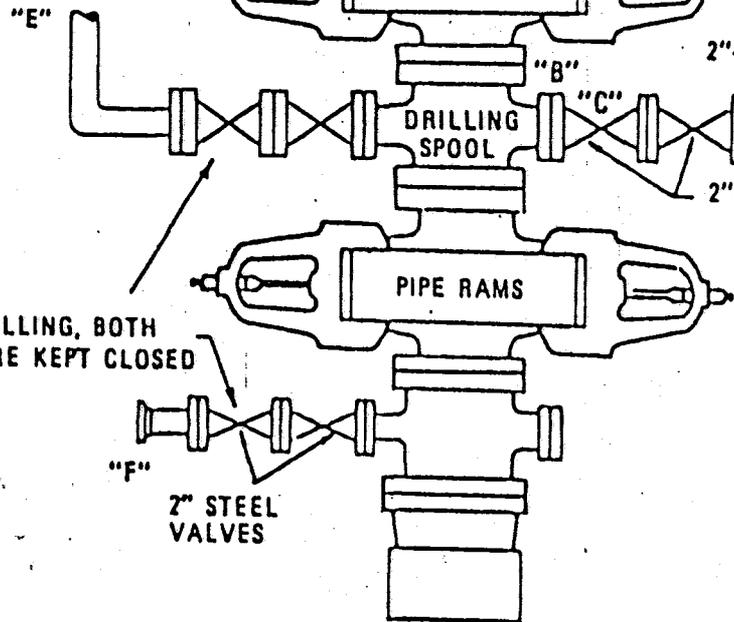
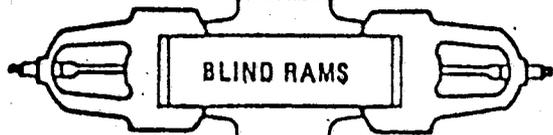
8 1/2", 7" 38# P110 LTC(NEW) 9500-14,250' 700 sxs. est.

2 stages; over salt



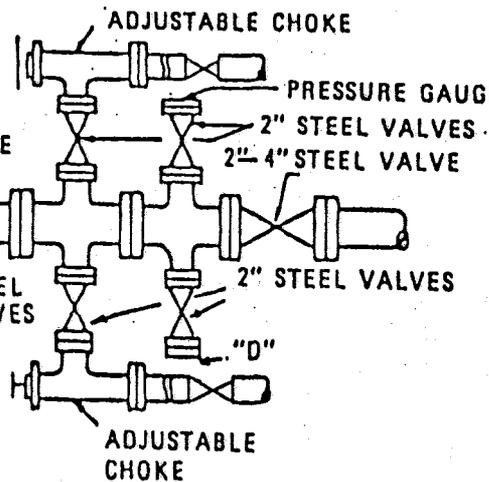
FOUR PREVENTER HOOKUP  
(Nontapered drill string)

Hydril Type GK - 13 5/8" - 5000# B.O.P.

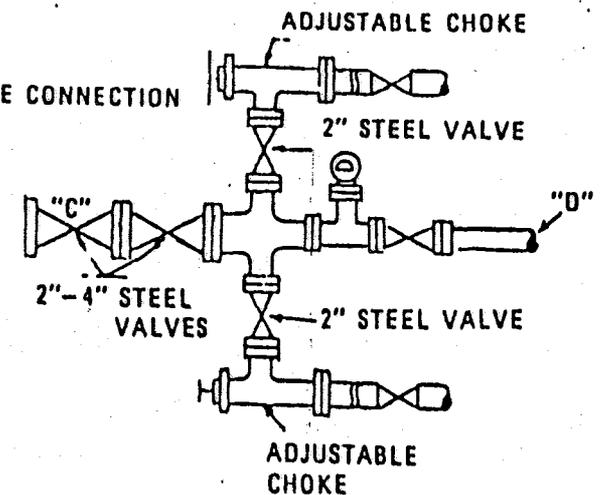


WHILE DRILLING, BOTH VALVES ARE KEPT CLOSED

CHOKES MANIFOLD (3" 5000 psi)



ALTERNATE CHOKES MANIFOLD



January 11, 1983

Davis Oil Company  
410 - 17th Street, Suite 1400  
Denver, Colorado 80202

RE: Well No. Logan Federal #3  
SENW Sec. 26, T.3N, R. 7E  
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. Amended 203-1 dated October 29, 1982.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer  
Office: 533-5771  
Home: 571-6068

OR

CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-043-30222.

Sincerely,

Norman C. Stout  
Administrative Assistant

NCS/as  
cc: MMS  
Enclosure



# Conquest Exploration Company

P.O. BOX 4512 • HOUSTON, TEXAS 77210

January 11, 1983

Mr. Norman Stout  
Department of Natural Resources  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: Request for Application of  
Unorthodox Surface Location  
#3 Logan Federal ← FILE  
SE NW Section 26-T3N-R7E  
2020' FNL and 2179' FWL  
North Pineview Field  
Summit County, Utah

Dear Mr. Stout:

Reference is made to the attached copy of a letter from Davis Oil Company dated January 7, 1983, requesting an exception for surface location to drill a test at the location in caption.

Although the proposed bottomhole location is not specifically indicated to be at a legal location in the SE NW Section 26, we understand through conversation with Mr. Don Rassmussen, Davis Oil Company, that this is the case. Conquest Exploration Company has no objection to the Davis request for an exception to the surface location so long as the test is bottomed at a legal location in the SE NW Section 26.

Very truly yours,

H. Merle Myers  
Senior Vice President-Production

WGL/pc

Attachment

cc: Mr. Jim Brown  
American Quasar Petroleum Company  
Denver

RECEIVED  
JAN 14 1983

DIVISION OF  
OIL, GAS & MINING



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 30, 1983

Davis Oil Company  
410 17th Street, Suite # 1400  
Denver, Colorado 80202

Re: Well No. Abajo Unit # 2  
1370' FNL, 1370' FEL  
C NE, Sec. 10, T. 32S, R. 22E.  
San Juan County, Utah

Well No. Abajo Federal # 3  
660' FSL, 1980' FEL  
SW SE, Sec. 5, T. 32S, R. 23E.  
San Juan County, Utah

Well No. Logan Federal # 3  
2020' FNL, 2179' FWL  
SE NW, Sec. 26, T. 3N, R. 7E.  
Summit County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 1, 1984

Davis Oil Company  
410 17th Street, Suite #1400  
Denver CO 80202

RE: Well No. Logan Federal #3  
API #43-043-30222  
2020' FNL, 2179' FWL SE/NW  
Sec. 26, T. 3N, R. 7E.  
Summit County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

Norman C. Stout  
Administrative Assistant

NCS/cj

6

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR  
410 17th St., #1400, Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
SE<sub>1</sub>NW Sec. 26, T3N, R7E  
AT SURFACE:  
AT TOP PROD. INTERVAL: 2020' FNL, 2179' FWL  
AT TOTAL DEPTH:

5. LEASE  
U-47812

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Logan Federal

9. WELL NO.  
#3

10. FIELD OR WILDCAT NAME  
Development

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 26, T3N, R7E

12. COUNTY OR PARISH  
Summit

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7760' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) CHANGE OF PLANS <input type="checkbox"/>	<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PLEASE BE ADVISED THAT THE ABOVE CAPTIONED WELL IS CANCELLED.  
DAVIS OIL COMPANY HAS DECIDED NOT TO DRILL IT.

THERE WAS NO SURFACE DISTURBANCE DONE.

RECEIVED  
FEB 8 1984

DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ed Lafayette TITLE Chief Geologist DATE 2/6/84

Ed Lafayette

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

FEB 24 1984

Davis Oil Company  
410-17th Street, Suite 1400  
Denver, Colorado 80202

Re: Rescind Application for Permit to  
Drill  
Well No. 3  
Section 26, T. 3 N., R. 7 E.  
Summit County, Utah  
Lease U-47812

Gentlemen:

The Application for Permit to Drill the referenced well was approved on September 20, 1982. Since that date no known activity has transpired at the approved location. Under current policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intent to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of the well will be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(Orig. SGD.) E. W. GUYNN

E. W. Guynn  
Chief, Branch of Fluid Minerals

bcc: Well File  
BLM-SL/DO  
State O&G  
State BLM - 942  
APD Control

922:RAHenricks:kr:02-24-84:X3023